

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,149,432 B1  
APPLICATION NO. : 09/722339  
DATED : December 12, 2006  
INVENTOR(S) : Roland A. Smith and Kim B. Roberts

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 62, "of equalization" should read --of optical equalization--

Column 7, line 64, "communications network" should read --an optical communications network--

Column 8, line 4, "M data signals." should read -- M data signals, such that optical performance variations between the N channels of the link are equalized by averaging within each of the M data signals.--

Column 9, line 2, "link of communications" should read --link of an optical communications--

Column 10, line 11, "of communications" should read --of an optical communications--

Column 10, line 19, "M data signals." should read --M data signals, such that optical performance variations between the N channels of the link are equalized by averaging within each of the M data signals.--

Column 12, line 14, "N channels," should read --N channels as a composite data stream,--

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,149,432 B1  
APPLICATION NO. : 09/722339  
DATED : December 12, 2006  
INVENTOR(S) : Roland A. Smith and Kim B. Roberts

Page 2 of 2

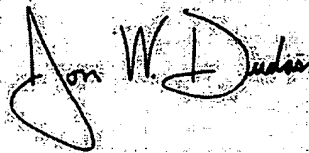
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12, line 15, "comprising." should read --comprising:

- a) means for dividing each composite data-stream to recover respective sub-streams of each data signal; and
- b) means for interleaving respective recovered sub-streams of each data signal to recover each one of the M data signals.--

Signed and Sealed this

Twentieth Day of March, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a faint, rectangular grid background.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*